

1   **WHAT IS CLAIMED IS:**

2           1. A ball chair with a retaining device comprising:

3           a seat (10) having

4                 a seat frame with a top face (11), a bottom face, a front edge,

5           and a rear edge;

6                 multiple legs (12) attached to the bottom face of the seat

7           frame to support the seat frame; and

8                 a passage (15) defined in the top face (11) of the seat frame;

9           a spherical cushion (20) being a resilient bladder, having a diameter

10          and partially received inside the passage (15) to rest on the seat; and

11          two retaining devices mounted respectively on and extending up

12          from the front edge and the rear edge of the seat frame to hold the spherical

13          cushion (20) on the seat frame.

14          2. The ball chair with a retaining device as claimed in claim 1,

15          wherein the two retaining devices are retaining rods (30, 40), each retaining

16          rod (30, 40) is curved to correspond to the spherical cushion (20).

17          3. The ball chair with a retaining device as claimed in claim 2,

18          wherein the seat frame further has

19                 two front connecting ears (16) formed on two opposite sides

20          of the front edge and each front connecting ear (16) has a through

21          hole (162);

22                 two rear connecting ears (17) formed on two opposite sides of

23          the front edge and each rear connecting ear (17) has a through hole

24          (172);

1           each end of the two retaining rods (30, 40) is a threaded end (31) to  
2   insert into one of through holes (162, 172);

3           a flange (32) is formed near each respective threaded end (31) to  
4   abut one of the connecting ears (16); and

5           a nut (33) is screwed onto each threaded end (31) to fasten the  
6   retaining rod (30) on the seat (10).

7           4. The ball chair with a retaining device as claimed in claim 1,  
8   wherein the two retaining devices are retaining walls (50, 60), and each  
9   retaining wall (50) has two ends and is curved to correspond to the spherical  
10   cushion (20).

11          5. The ball chair with a retaining device as claimed in claim 4,  
12   wherein the seat frame further has

13          two connecting ears (16) formed on two opposite sides of the front  
14   edge and each ear (16) has a through hole (162);

15          two connecting ears (17) formed on two opposite sides of the rear  
16   edge and each ear (17) has a through hole (172);

17          each end of the two retaining walls (50, 60) has a stub (52) to insert  
18   into one of through holes (162, 172).

19          6. The ball chair with a retaining device as claimed in claim 3,  
20   wherein the passage (15) is dished with a larger diameter above a smaller  
21   diameter and configured to correspond to the spherical cushion (20); and

22          the spherical cushion (20) has a diameter larger than the larger  
23   diameter in the passage whereby the spherical cushion (20) rests on the seat  
24   frame.

1           7. The ball chair with a retaining device as claimed in claim 5,  
2   wherein the passage (15) is dished with a larger diameter above a smaller  
3   diameter and configured to correspond to the spherical cushion (20); and  
4           the spherical cushion (20) has a diameter larger than the larger  
5   diameter of the passage whereby the spherical cushion (20) rests on the seat  
6   frame

7           8. The ball chair with a retaining device as claimed in claim 6,  
8   wherein each leg (12) has a distal end and a wheel (13) attached to a  
9   corresponding one of the distal ends of the legs (12) to enable the ball chair  
10   to be moved easily.

11          9. The ball chair with a retaining device as claimed in claim 7,  
12   wherein each leg (12) has a distal end and a wheel (13) attached to a  
13   corresponding one of the distal ends of the legs (12) to enable the ball chair  
14   to be moved easily.